

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled).
2. (Currently Amended) The charging hopper of Claim 4 3 further comprising:
 - a discharge lip operably disposed proximate the second edge of the discharge cover;
 - the discharge lip operable to engage the flexible sealing member such that the flexible sealing member may be maintained in a generally concave shape with respect to the first face; and
 - the first face operable to engage at least the lower portion of the drum opening.

3. (Currently Amended) A charging hopper for use in charging a rotatable mixer, the rotatable mixer including a drum having a drum opening at one end for receiving and discharging contents, the charging hopper comprising:

a chute having a charging opening and a discharge opening at respective ends thereof;

the chute having a first position operably coupled with the drum such that the discharge opening is disposed proximate the drum opening;

a discharge cover having respective first and second edges and respective first and second faces;

the first edge of the discharge cover operably coupled to the chute proximate the discharge opening;

a plurality of shield fingers operably disposed on the discharge cover; at least one flexible sealing member having respective first and second faces; and

the at least one flexible sealing member attached to the discharge cover proximate the second edge such that the flexible sealing member engages at least a lower portion of the drum opening when the chute is in its first position,

wherein the shield fingers operable to engage the flexible sealing member and to maintain the flexible sealing member and the lower portion of the drum opening in generally sealed engagement during charging of the rotatable mixer.

4. (Original) The charging hopper of Claim 3 further comprising spring biased shield fingers.

5. (Currently Amended) The charging hopper of Claim 4 further comprising:

at least one gusset having respective first and second ends; and

the first end operably disposed on the first face of the discharge cover and the second end operably disposed on the chute.

6. (Currently Amended) The charging hopper of Claim 4 3 further comprising:

a bracket operably disposed on the chute proximate the charging opening; and

the bracket operable to couple to the rotatable mixer such that the charging hopper may be pivoted between at least a charging position and discharging position.

7. (Currently Amended) The charging hopper of Claim 4 3 further comprising:

a plurality of studs operably coupled to the discharge cover proximate the second edge; and

the studs operable to couple the flexible sealing member to the discharge cover.

8. (Cancelled).

9. (Currently Amended) The concrete mixer of Claim 8 11 further comprising the flexible sealing member having a generally concave configuration.

10. (Currently Amended) The concrete mixer of Claim 8 11 further comprising:

a plurality of gussets having respective first and second ends; and

the first end operably coupled to the first face of the discharge cover and the second end operably coupled to the chute.

11. (Currently Amended) A concrete mixer of Claim 8 further comprising:
a rotatable drum maintained in a frame;
a drum opening at one end of the drum operable to receive contents to
be agitated and further operable to discharge agitated contents from the drum;
a motor operably coupled to the drum to rotate the drum in the frame;
a charging hopper including a chute, a charging opening and a
discharge opening;
the charging hopper operably disposed proximate the drum opening;
an environmental shield operably disposed proximate the discharge
opening of the charging hopper;
the environmental shield including a discharge cover having respective
first and second faces, a first edge and generally curved second edge;
the discharge cover operably coupled to the chute along the first edge;
a generally flexible sealing member operably disposed on the second
generally curved edge of the discharge cover, with the generally flexible sealing
member operable to engage the drum opening such that undesired leakage of contents
therefrom may be reduced, and
a plurality of spring biased shield fingers operably coupled to the
discharge cover and the generally flexible sealing member, and
wherein the spring biased shield fingers are operable to maintain a
leakage reducing seal between the generally flexible sealing member and at least a
portion of the drum opening.

12. (Currently Amended) The concrete mixer of claim & 11 further comprising the charging hopper movably coupled to the drum such that the charging hopper may move from a first, charging position to a second, discharging position.

13. (Currently Amended) The concrete mixer of Claim 8 11 further comprising:

a discharge lip operably coupled proximate the generally curved second edge of the discharge cover and to a first edge of the generally flexible sealing member; and

the discharge lip disposed at an angle with respect to the first face of the discharge cover.

14. (Currently Amended) A concrete mixer of Claim 8 further comprising:

a rotatable drum maintained in a frame;

a drum opening at one end of the drum operable to receive contents to be agitated and further operable to discharge agitated contents from the drum;

a motor operably coupled to the drum to rotate the drum in the frame;

a charging hopper including a chute, a charging opening and a discharge opening;

the charging hopper operably disposed proximate the drum opening;

an environmental shield operably disposed proximate the discharge opening of the charging hopper;

the environmental shield including a discharge cover having respective first and second faces, a first edge and generally curved second edge;

the discharge cover operably coupled to the chute along the first edge;

a generally flexible sealing member operably disposed on the second generally curved edge of the discharge cover; with the generally flexible sealing member operable to engage the drum opening such that undesired leakage of contents therefrom may be reduced; and

a plurality of studs operably coupled to the generally curved second edge of the discharge cover; ~~and with~~ the studs operable to couple the generally flexible sealing member to the discharge cover.

15. (Cancelled).

16. (Currently Amended) The concrete mixer truck of Claim ~~45~~ 18 further comprising:

at least one gusset having respective first and second ends operably coupled to a first face of the discharge cover on the first end; and
the second end of the at least one gusset operably coupled to the charging hopper.

17. (Currently Amended) The concrete mixer truck of Claim ~~45~~ 18 further comprising:

a discharge lip operably disposed proximate a first edge of the discharge cover; and
the discharge lip operable to couple the flexible sealing member to the discharge cover such that the sealing member is maintained in a generally concave disposition with respect to a second face of the discharge cover.

18. (Currently Amended) A concrete mixer truck of claim 15 further having a rotatable mixer mounted thereon, the rotatable mixer including a drum with a drum opening at one end for receiving contents into and discharging contents from the drum comprising:

a charging hopper having a discharge opening proximate a first end of a chute and a charging opening proximate a second end of the chute;

the discharge opening disposed proximate the drum opening when the charging hopper is in a first position;

an environmental shield operably disposed proximate the discharge opening of the charging hopper when the charging hopper is in the first position;

the environmental shield including a discharge cover and at least one sealing member operably coupled thereto, with the sealing member operable to engage at least a lower portion of the drum opening when the charging hopper is in the first position such that leakage of contents therefrom may be reduced and

a plurality of shield fingers operably disposed proximate a first edge of the discharge cover; and, with the shield fingers operable to maintain the engagement between the sealing member and the drum opening when the charging hopper is in the first position.

19. (Original) The concrete mixer truck of Claim 18 further comprising a plurality of spring biased shield fingers.

20. (Currently Amended) The concrete mixer truck of Claim 15 18 further comprising:

a bracket operably coupled to the drum and to the charging hopper;
and

the charging hopper operable to move about the bracket such that the mixer may assume a second, discharging operation.